

Time Conversion

Example: Convert 9 hours 26 minutes 40 seconds to seconds.

1 hour = 60 minutes
 = 60×60 seconds
 = 3,600 seconds
 1 minute = 60 seconds

9 hours = 9×3600 seconds = 32,400 seconds
 26 minutes = 26×60 seconds = 1,560 seconds
 40 seconds

34,000 seconds

9 hours 26 minutes 40 seconds = 34,000 seconds

Convert the hours, minutes, and seconds to seconds.

1) 11 hours 33 min _____ seconds

2) 9 hours 27 minu _____ seconds

3) 22 hours 40 min _____ seconds

4) 5 hours 56 minu _____ seconds

5) 18 hours 35 min _____ seconds

6) 23 hours 10 min _____ seconds

7) 6 hours 43 minu _____ seconds

8) 14 hours 52 minutes 45 seconds = _____ seconds

9) 3 hours 2 minutes 16 seconds = _____ seconds

10) 17 hours 59 minutes 31 seconds = _____ seconds

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HMS2

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1) 11 hours 33 min _____ seconds

2) 9 hours 27 minu _____ seconds

3) 22 hours 40 min _____ seconds

4) 5 hours 56 minu _____ seconds

5) 18 hours 35 min _____ seconds

6) 23 hours 10 min _____ seconds

7) 6 hours 43 minu _____ seconds

8) 14 hours 52 minutes 45 seconds = 53,565 seconds

9) 3 hours 2 minutes 16 seconds = 10,936 seconds

10) 17 hours 59 minutes 31 seconds = 64,771 seconds

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